

[Document Name] ABSTRACT

[Abstract]

[Problem] To provide a selection method for barley  
lipoxygenase-1 deficient barley in order to improve  
5 flavor stability and foam head retention of malt  
alcoholic beverages.

[Means of Solution] A selection method for barley  
lipoxygenase-1 deficient barley, comprising a step  
of distinguishing the barley lipoxygenase-1  
10 deficient barley by whether or not the guanine at the  
splicing donor site of the 5th intron of the barley  
lipoxygenase-1 gene is mutated to a different base;  
and a method for production of malt alcoholic beverages  
using a material for malt alcoholic beverages derived  
15 only from barley obtained by the selection method.

[Selected Drawing] None